



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2579
Job Sheet 195294



Part No: D2579

Job Qty: 50 pcs

Part Name: Crossbolt Spacer



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/16/19

Job Tracking No:

Due Date: 2/14/20

Created By: Kimberley Guerin

Type: Stock

Description:

Note: DWG REV E IPP E 02.06.17 Now turned on Cobra NG IPP F 07.07.06 rev E dwg EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
125	Purchasing	50 pcs	2/14/20		0.00	0.00	Purchasing - 1	JAN 29 2020
							Purchasing - 2	
							Purchasing - 3	
130	Packaging 2-1 - Receive - B4B	50 pcs	2/14/20		0.00	0.00	Packaging 2 - 1 - B4B	JAN 29 2020
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S251826



Part: D2579

Job No: 195294

Serial No/Batch: S251826

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 01/29/20

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					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
135 QC 6	50 pcs	2/14/20	0.00 0.00		QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	81
					QC 6 - 40	9-89 JAN 30 2020
140 Packaging 3-1 - Stock - B4B	50 pcs	2/14/20	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	BE
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	DAS
150 QC 21 - SA	50 pcs	2/14/20	0.00 0.00		QC 21 - SA - 21	21
					QC 21 - SA - 70	3-0 FEB 05 2020
					QC 21 - SA - 53	

Part Op 125 - ISSUE P/O: _____ SUPPLIER: E.T.M. INDUSTRIES INC. MANUFACTURE AS PER DWG
 Descriptions: C OF C IS REQUIRED
 140 - (Identify as per dwg & Stock Location: LC004)
 150 - (QC21- Final Inspection - Work Order Release)

Job BOM

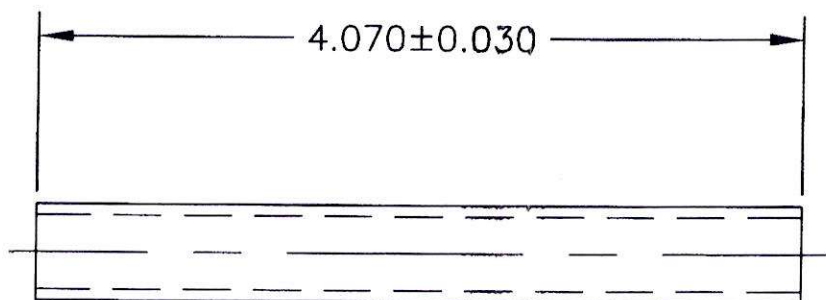
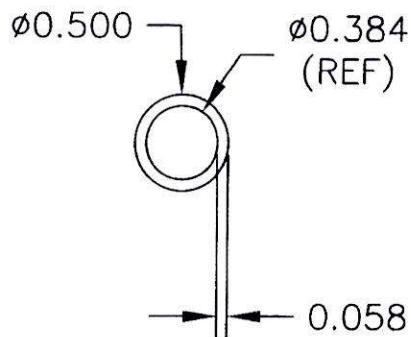
Part / Item	Component Name	Quantity	Operation	Container
D2579P	Crossbolt Spacer	50 Ea (1 ea)	125-Purchasing	3251823

Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
125-Purchasing	D2579P	50	0	0	
Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Crossbolt Spacer	4.070Inches ± 0.030	4.100 4.040		
2	Crossbolt Spacer	0.058inches ± 0.010	0.068 0.048		

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DART**RELEASED**
07-06-20

DESIGN	<i>[Signature]</i>	DRAWN BY	<i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	DRAWING NO. D2579	REV. E SHEET 1 OF 1
DATE	07.04.17			TITLE CROSS BOLT SPACER	SCALE 1:1
A	96.09.16			NEW ISSUE	
B	96.12.05			0.065 WALL WAS 0.035 WALL	
C	97.02.21			0.058 WALL WAS 0.065 WALL	
D	99.05.19			4.070 LENGTH WAS 4.100 (TSR A1095)	
E	07.04.17			UPDATE NOTES	

**D2579 CROSS BOLT SPACER****D2579 CROSS BOLT SPACER**

- 1) MATERIAL: 6061-T6 TUBING PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8
(REF DART SPEC M6061T6T0500W058)
- 2) FINISH: NONE
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
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Tel (613) 632-5200

PURCHASE ORDER

POHB043487



Supplier: ETM001-VC
E.T.M. Industries Inc.
310 Hall Avenue, Box 610
Renfrew
ON
K7V 4E7 Canada
Phone: 613-432-6136
Fax: 613-432-8212

PO No: POHB043487
PO Date: 5/17/19
Due Date: 5/15/20
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	195270	D2579P				Crossbolt Spacer : as per Dwg D2579 RevE	Received	-	9/6/19	50 Ea	50 Ea	0 Ea	\$2.90/Ea	\$0.00
2	195283	D2579P				Crossbolt Spacer : as per Dwg D2579 RevE	Received	-	11/15/19	50 Ea	50 Ea	0 Ea	\$2.90/Ea	\$0.00
3	195294	D2579P				Crossbolt Spacer : as per Dwg D2579 RevE	Firmed X58	-	2/14/20	50 Ea	0 Ea	50 Ea	\$2.90/Ea	\$145.00
4	195305	D2579P				Crossbolt Spacer : as per Dwg D2579 RevE	Firmed	-	5/15/20	50 Ea	0 Ea	50 Ea	\$2.90/Ea	\$145.00
5	195271	D3681-1P				Spacer : as per Dwg D3681-1 RevA	Received	-	9/6/19	250 Ea	250 Ea	0 Ea	\$3.75/Ea	\$0.00
6	195284	D3681-1P				Spacer : as per Dwg D3681-1 RevA	Firmed X250	-	11/15/19	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50

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Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	195295	D3681-1P				Spacer : as per Dwg D3681-1 RevA	Firmed	-	2/14/20	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50
8	195306	D3681-1P				Spacer : as per Dwg D3681-1 RevA	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50
9	195272	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Received	-	9/6/19	200 Ea	200 Ea	0 Ea	\$3.75/Ea	\$0.00
10	195285	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Received	-	11/15/19	200 Ea	200 Ea	0 Ea	\$3.75/Ea	\$0.00
11	195296	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Firmed	-	2/14/20	200 Ea	0 Ea	200 Ea	\$3.75/Ea	\$750.00
12	195307	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Firmed	-	5/15/20	200 Ea	0 Ea	200 Ea	\$3.75/Ea	\$750.00
13	195273	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Received	-	9/6/19	101 Ea	101 Ea	0 Ea	\$3.90/Ea	\$0.00
Line Item Note Material WW-T-700/6 can be use														
14	195286	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Received	-	11/15/19	100 Ea	100 Ea	0 Ea	\$3.90/Ea	\$0.00
Line Item Note Material WW-T-700/6 can be use														

JAN 29 2020

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PURCHASE ORDER POHB043487



				Items										
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
15	195297	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Firmed X100	-	2/14/20	100 Ea	0 Ea	100 Ea	\$3.90/Ea	\$390.00
JAN 29 2020														
Line Item Note Material WW-T-700/6 can be use														
16	195308	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Firmed	-	5/15/20	100 Ea	0 Ea	100 Ea	\$3.90/Ea	\$390.00
Line Item Note Material WW-T-700/6 can be use														
17	195275	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Received	-	9/6/19	250 Ea	250 Ea	0 Ea	\$2.95/Ea	\$0.00
18	195287	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Received	-	11/15/19	250 Ea	250 Ea	0 Ea	\$2.95/Ea	\$0.00
19	195298	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Firmed	-	2/14/20	250 Ea	0 Ea	250 Ea	\$2.95/Ea	\$737.50
20	195309	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$2.95/Ea	\$737.50
21	195276	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Received	-	9/6/19	75 Ea	75 Ea	0 Ea	\$2.25/Ea	\$0.00
22	195288	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Received	-	11/15/19	75 Ea	75 Ea	0 Ea	\$2.25/Ea	\$0.00
23	195299	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Received	-	2/14/20	75 Ea	75 Ea	0 Ea	\$2.25/Ea	\$0.00

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Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
24	195310	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Firmed		5/15/20	75 Ea	0 Ea	75 Ea	\$2.25/Ea	\$168.75
										NOV 2 0 2019				
25	195277	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Received		9/6/19	62 Ea	62 Ea	0 Ea	\$2.25/Ea	\$0.00
Line Item Note Material WW-T-700/6 can be use														
26	195289	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Received		11/15/19	62 Ea	62 Ea	0 Ea	\$2.25/Ea	\$0.00
Line Item Note Material WW-T-700/6 can be use														
27	195300	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Firmed		2/14/20	62 Ea	0 Ea	62 Ea	\$2.25/Ea	\$139.50
Line Item Note Material WW-T-700/6 can be use														
28	195311	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Firmed		5/15/20	62 Ea	0 Ea	62 Ea	\$2.25/Ea	\$139.50
Line Item Note Material WW-T-700/6 can be use														
29	195278	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Received		9/6/19	50 Ea	50 Ea	0 Ea	\$2.20/Ea	\$0.00
30	195290	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Received		11/15/19	50 Ea	50 Ea	0 Ea	\$2.20/Ea	\$0.00



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PURCHASE ORDER

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Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
31	195301	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed X50	-	2/14/20	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00
								DEC 19 2019						
32	195312	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed X50	-	5/15/20	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00
								DEC 19 2019						
33	195279	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Received	-	9/6/19	750 Ea	750 Ea	0 Ea	\$3.10/Ea	\$0.00
34	195291	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Received	-	11/15/19	749 Ea	749 Ea	0 Ea	\$3.10/Ea	\$0.00
35	195302	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Firmed	-	2/14/20	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
36	195313	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Firmed	-	5/15/20	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
37	195280	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Received	-	9/6/19	249 Ea	249 Ea	0 Ea	\$3.00/Ea	\$0.00
38	195292	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Received	-	11/15/19	250 Ea	250 Ea	0 Ea	\$3.00/Ea	\$0.00
39	195303	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Firmed	-	2/14/20	250 Ea	0 Ea	250 Ea	\$3.00/Ea	\$750.00



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Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
40	195314	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$3.00/Ea	\$750.00
41	195281	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Received	-	9/6/19	75 Ea	75 Ea	0 Ea	\$3.75/Ea	\$0.00
42	195293	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	11/15/19	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
							X75						NOV 13 2019	
43	195304	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	2/14/20	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
44	195315	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	5/15/20	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
45	203238	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	11/14/19	75 Ea	0 Ea	75 Ea	\$0.01/Ea	\$0.75
							X75						NOV 13 2019	
Line Item Note NO CHARGE REPLACEMENT LINE FOR LINE 41 (DEFECTIVE)														
Grand Total:													\$14,519.75	

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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INDUSTRIES INC.

E.T.M. INDUSTRIES INC.
310 HALL AVENUE
BOX 610
RENFREW, ON K7V 4E7
Canada

Ph: 613-432-6136

Fax: 613-432-8212

Pack List

Number: 145765

Date: 27-Jan-20

To

DART AEROSPACE
1270 ABERDEEN STREET
dbates@dartaero.com
HAWKESBURY, ON K6A 1K7
Canada

Ship To

Patrick Lussier
DART AEROSPACE
1270 ABERDEEN STREET
dbates@dartaero.com
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-5246

Ph: 613-632-5200

Fax: 613-632-5246

Terms		Ship Via	
Net 30 days			
Quantity	Description	Rev: E	
50 each	Part: D2579P CROSSBOLT SPACER SO: 25664 **LOT #107182	Line: 3	DAS 81 9-89 DAS 31 1-89
PO: POHB043487			
CERTIFICATE OF COMPLIANCE: "I hereby certify that the material described above is in conformance with applicable physical and dimensional specifications; that it was manufactured in accordance with applicable process specifications; and has been inspected to verify conformance to those specifications."			
APPROVED SIGNATORY (QUALITY ASSURANCE)			

RECEIVED

JAN 29 2020

DART AEROSPACE LTD.